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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/390,241	09/03/1999	VENKAT V. EASWAR	1552-12-2	6580

996 7590 06/22/2005

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EXAMINER

LE, VU

ART UNIT

PAPER NUMBER

2613

DATE MAILED: 06/22/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/390,241

Applicant(s)

EASWAR ET AL.

Examiner

Vu Le

Art Unit

2613

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 08 February 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-64 is/are pending in the application.
- 4a) Of the above claim(s) 6-37 and 42-64 is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-5 and 38-41 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 5/02.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

**DETAILED ACTION**

***Election/Restrictions***

1. Applicant's provisional election with traverse of claims 1-5 and 38-41 in the reply filed on February 8, 2005 is acknowledged.

Applicant contends that species 1-3 and 6-7 fall into the same group, which generally involves in common an encoded based image, at least a first region of the encoded image, a modified portion of the image, and an encoded modified portion of the image. Hence, prior art search in connection with species 1 "will likely locate art germane to species 2-3 and 6-7". This argument is not found persuasive. Species 1-3 and 6-7 present respectively, various permutations of video processing. They are patentably distinct from each other as explained by example in the last requirement. The contention that prior art search for one species "will likely" locate art that may be pertinent to the other species is purely speculative.

Therefore, the requirement is still deemed proper and the finality stands.

2. Claims 6-37 and 42-64 are withdrawn from further consideration pursuant to 37 CFR 1.142(b), as being drawn to nonelected species 2-8, there being no allowable generic or linking claim. Applicant timely traversed the restriction (election) requirement in the reply filed on February 8, 2005.

***Claim Rejections - 35 USC § 102***

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in-

(1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent; or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for the purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English.

4. Claims 1-5 and 38-41 are rejected under 35 U.S.C. 102(e) as being anticipated by Pearlstein, US 6,594,311.

Re claims 1 and 38, Pearlstein discloses a video processing circuit and method (fig. 4) comprising:  
a processor (fig. 5) operable to:  
receive an encoded image (compressed video, col. 6, line 54-55) having first and second regions (col. 4, line 50 – col. 6, line 21);  
decode the first region of the image (456, col. 7, line 41-54);  
modified the decoded first region (col. 7, line 41-47); and  
re-encode the modified first region (460, col. 7, line 65 – col. 8, line 10).

Re claims 2 and 39, "wherein the processor is operable to combine the encoded second region of the image and the re-encoded first region of the image to generate an encoded modified image" (462, col. 8, line 17-26).

Re claims (3 & 40) and (4 & 41) respectively, wherein the processor is operable to decode the first region into a transform/pixel domain, and modify the decoded first region in the transform/pixel domain (col. 6, line 14-21, the video processing of Pearlstein is MPEG-2 compliant, hence processing involves both DCT or transform domain and spatial or pixel domain).

Re claim 5, "wherein the first region has dimensions and a location within the image, and the processor is operable to receive the dimensions and location of the first region" (col. 3, line 44-45).

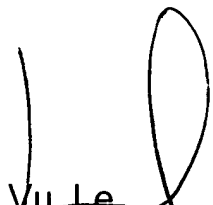
### **Contact**

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Vu Le whose telephone number is (571) 272-7332. The examiner can normally be reached on M-F 8:30-6:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mehrdad Dastouri can be reached on (571) 272-7418. Customer Service can be reached at (571) 272-2600. The fax number for the organization where this application or proceeding is assigned is (571) 273-8300.

Art Unit: 2613

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



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